

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PAGES 1 OF 26	
2. AMENDMENT/MODIFICATION NO. 0002		3. EFFECTIVE DATE 3/26/03		4. REQUISITION/PURCHASE REQ. NO SP0600-03-0489	
5. PROJECT NO. (If applicable)					
6. ISSUED BY		CODE SP0600		7. ADMINISTERED BY (If other than Item 6) CODE	
DEFENSE ENERGY SUPPORT CENTER 8725 JOHN J. KINGMAN RD., SUITE 4950 FT. BELVOIR, VA 22060-6222 BUYER/SYMBOL: G. ROBINSON/DESC-FPB PHONE: 703-767-9337 FAX: 703-767-9338 P.P. 6.3					
8. NAME AND ADDRESS OF CONTRACTOR (NO., street,city,county,State,and ZIP Code)				9a. AMENDMENT OF SOLICITATION NO. SP0600-03-R-0032	
				9b. DATED (SEE ITEM 11) February 13, 2003	
				10a. MODIFICATION OF CONTRACT/ORDER NO.	
				10b. DATED (SEE ITEM 13)	
BIDDER CODE: CAGE CODE:					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<p><input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended</p> <p>Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning 1 copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers.</p> <p>FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.</p>					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: MUTUAL AGREEMENT OF THE PARTIES					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return 1 copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The above referenced solicitation is hereby amended as follows: 1. The closing date has been extended to April 11, 2003 at 3 p.m. EST. 2. Clause B34.01, Services to be Furnished and Prices, has been amended and is attached. 3. Clause E22.01 address for Quality office, and clause G22 address for Region office is hereby changed as follows: Defense Energy Support Center - Americas West, 3171 N. Gaffey St., San Pedro, CA 90731-1099, Telephone 310-900-6960, Extension 1103. 4. Clause I122 is hereby deleted. 5. Clause I119.04 is hereby deleted and replaced with an updated version dated Jan. 2003. Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
				16A. NAME OF CONTRACTING OFFICER BRIAN DELONG	
15B. NAME OF CONTRACTOR/OFFEROR		15C. DATE SIGNED		16B. UNITED STATES OF AMERICA	
BY _____ (Signature of person authorized to sign)				BY _____ (Signature of Contracting Officer)	

6. The following changes are made to the PWS:

a) Amendment to PWS Paragraph C-1.1 General –

Add the following sentence to the end of the first paragraph:

The Contractor's proposal shall describe the industry benchmark that will be used to provide best commercial practices in meeting the PWS requirements.

b) Amendment to PWS Paragraph C-1.3 Detailed Plans -

Add the following sentence: "The plans shall be submitted electronically in Microsoft Word or Adobe format to the contract specialist who will make distribution to the contracting officer, the technical representatives, and the base.

c) Amendment to PWS Paragraph C-1.3.5. Safety Plan -

Remove "Flight line Refueling and Flight line Operations."

d) Amendment to PWS Paragraph C-3.1 Butts Road Bulk Storage –

After the sentence "Material starting at the final filter separator downstream to each hydrant outlet or truck fill stand must be stainless steel." add the following sentence:

Hoses and/or pantographs shall meet aviation industry best commercial standards for material and service requirements.

e) Amendment to PWS Paragraph C-3.1.1 Additional Requirements –

Delete subparagraph (a) in entirety and replace as follows:

(a) Bulk stands shall be configured with adequate energy efficient, low-density lighting for operations during hours of darkness. The bulk fill stands shall be automated to capture transaction data; however, bulk loading of customer tank vehicles shall never occur without a facility operator present to monitor the operation. Each bulk fill stand shall be configured for top and bottom loading.

Add new subparagraph (i):

(i) Retail dispensing capability shall be provided for JP8 only. The retail dispensing area must be capable of servicing any tactical equipment in the Army inventory ranging from 20' x 80' long, 4' x 20' wide x 14' high. JP8 retail services must be automated for 24/7 operations and capable of fueling two vehicles simultaneously.

f) Amendment to PWS Paragraph C-3.1.4 Aviation Fuel Supply to Rapid Refuel Operations -

After the sentence "The Contractor shall provide a day tank for operation of the rapid refuel facility and develop a procedure to sign out the rapid refuel facility for daily use." add the following:

The Contractor shall be responsible for all preoperational checks and services on the rapid refuel system. Product recirculation and quality checks are required whenever the facility is placed into operation and every 24 hours during continuous operations. The sign out procedure shall include provisions for joint (Contractor and User) quality and quantity determinations prior to operations and documentation of such. The sign out procedure shall also provide for a joint inventory at the end of the operation. The point of sale will be at the aircraft. The Contractor shall develop a procedure for collection of transaction records from the User. The sign out procedure shall identify the User's responsibility to accurately record aircraft issues. The Contractor shall be responsible for posting aircraft refueling transactions to FAS. Discrepancies/problems will be reported to the COR.

g) Amendment to PWS Paragraph C-3.1.4 B. Butts AAF SURGE FOR CONTINGENCY SUPPORT, EXERCISES, DEPLOYMENTS -

Add the following sentence at end of paragraph:

For planning purposes, daily surge quantities could range from 15,000 to 20,000 USG.

h) Amendment to PWS Paragraph C-3.2.2.1 Additional Services -

(b) should read "sediment removal to 10 mg per liter or less and water removal to 10 ppm or less."

7. MIL-HDBK-1022A included on the CD that was distributed at the preproposal conference is for reference only. These services shall be commercial in accordance with all federal, state, and local requirements unless otherwise noted in the PWS.

8. Questions have been answered and are attached.

B34.01 SERVICES TO BE FURNISHED AND PRICES (DESC FEB 1991)

The services to be furnished during the period specified herein and the unit prices are as follows. The contract shall be for a period of five (5) years with three 5-year renewal options.

LINE ITEM 1001 (MUCC): The prices for the services and facility to be provided during the performance of the initial 5 year period and the three optional 5 year periods:

BASE PERIOD

Years 1 through 5

PRICE PER MONTH

1001A Retail Operation	\$ _____
1001B Bulk Operation	\$ _____
1001C Rapid Refuel Operation	\$ _____

FIRST OPTION

Years 6 through 10

1006A Retail Operation	\$ _____
1006B Bulk Operation	\$ _____
1006C Rapid Refuel Operation	\$ _____

SECOND OPTION

Years 11 through 15

1011A Retail Operation	\$ _____
1011B Bulk Operation	\$ _____
1011C Rapid Refuel Operation	\$ _____

THIRD OPTION

Years 16 through 20

1016A Retail Operation	\$ _____
1016B Bulk Operation	\$ _____
1016C Rapid Refuel Operation	\$ _____

LINE ITEM 1002 - NOT TO EXCEED \$5,000.00/YR. (OVRT)

a. Contractor shall be reimbursed for work performed outside normal working hours when authorized by the DOL/COR.

b. Payment for overtime/augmentation worked shall be at the following rates (show computation in (1) below):

POSITION**HOURLY RATE**

_____ - Straight Time	\$ _____/hour
_____ - Overtime	\$ _____/hour
_____ - Straight Time	\$ _____/hour
_____ - Overtime	\$ _____/hour
_____ - Straight Time	\$ _____/hour
_____ - Overtime	\$ _____/hour

(1) **OVERTIME/AUGMENTATION RATES.**

(a) Payment for **overtime/augmentation** worked in accordance with the Performance Work Statement shall be at the rates in Line Item 1002 above. Computations for the straight time rates follow:

CATEGORY

Base Rate

Plus applicable Fringes

Subtotal

Plus PT&I* (specify rate)

Subtotal

Total Straight-Time Rate

*Payroll Taxes and Insurance

(b) Payment for **overtime/augmentation** worked in accordance with the Performance Work Statement shall be at the rates in Line Item 1002 above. Computations for the overtime rates follow:

CATEGORY

Base Rate times 1.5

Plus PT&I* (as specified above)

Subtotal

Total Overtime Rate

*Payroll Taxes and Insurance

NOTE: When contract contains an option, proposed rates for option periods should be the same as for the basic contract period. When contract is multiyear, proposed rates for each performance period should be the same as for the first performance period. Rates will be adjusted for performance periods with issuance of a new Wage Determination in accordance with the FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT - PRICE ADJUSTMENT clause.

LINE ITEM 1003 - NOT TO EXCEED \$2,000.00/YR. (COMM)

a. FAS Telephone Line and Facsimile Telephone:

The Contractor will be reimbursed for direct out-of-pocket costs for the FAS Telephone Line and Facsimile Telephone. Invoices for reimbursement shall be certified by the QSR and include supporting documentation.

LINE ITEM 1004 - NOT TO EXCEED \$-0-/YR. (PSMM)

a. Contractor is to provide **5,000** keys/cards initially as part of line item 1001. After 5,000 have been issued, the contractor shall provide 200 keys/cards annually as required by the DOL/COR as part of the line item 1001. Any keys/cards issued above that shall be at a rate of

\$_____ PER KEY/CARD

LINE ITEM 1005 - NOT TO EXCEED \$2,000.00/YR. (SLFE)

a. Contractor will be reimbursed for direct out-of-pocket costs only for any federal, state or local real estate tax, or other taxes on the facility, if assessed. Invoices for reimbursement shall be certified by the QSR and include supporting documentation.

SUBLINE ITEM 1006 - NOT TO EXCEED \$1,000.00/YR. (PSMM)

a. Contractor will be reimbursed for direct out-of-pocket costs only for the replacement of stolen or damaged fire extinguishers **in excess** of 10 each per year. Invoices for reimbursement shall be certified by the QSR and include supporting documentation.

I119.04 INVENTORY CONTROL RECORDS AND SYSTEMS OF RECORD (DESC JAN 2003)

(a) **INTRODUCTION.** The Contractor shall prepare all documentation and systemically process related transactions in accordance with the information and instructions provided herein. Documents and procedures are subject to change. The Government shall notify the Contractor at least 30 days prior to implementation of any change. Unless the Government has specifically stated it will provide the hardware (usually at Government-owned facilities), the Contractor shall provide requisite hardware (specifications will be provided by the Government) capable of processing inventory and accounting transactions through DESC-provided applications or software. The current processing methodologies include via TELNET/DADS to the Defense Fuels Automated Management System (DFAMS) or via a web/internet-based or web dial-in application under the Fuels Automated System (FAS) program (transactions are processed to the FAS Enterprise Server (FES)). The FAS applications require the Contractor to either have internet access (with static IP address capability) or establish a dial-in account to the DESC FAS web server (once system access has been approved). Currently, DESC web-based applications use the DoD Public Key Infrastructure (PKI) compliant web browser which will be provided to the Contractor by DESC. These identified DESC systems require user identifications and passwords in accordance with DoD Automated Data Processing (ADP) Level III systems access. The Contractor shall be responsible for (in conjunction with DESC/DLA) identifying employees that will be processing inventory/accounting transactions for obtaining requisite systems access for those employees. It should be noted that DoD ADP Level III systems access requires a National Agency Check (NAC) investigation. Those contractors which have not had a NAC will be provided forms and fingerprint cards for the investigation, which DLA will initiate. The Contractor shall notify DESC when Contractor personnel with access privileges no longer work at the contract facility or no longer require access.

(b) AUTOMATED FUEL INVENTORY REPORTING REQUIREMENTS.

(1) The Contractor shall prepare all necessary documentation (see paragraph (b)(5)) for, and systemically process, each transaction affecting the inventory of Government-owned products in its possession by virtue of this contract. Within 48 hours of each transaction, the Contractor shall input transaction data into the automated inventory and accounting system(s) or applications designated/provided by the Government. Initial training for inputting transactional data will be provided by the Government via on-site support or via electronic means, such as user manuals or on-line support/tutorials, after which the Contractor assumes all responsibility for timeliness and accuracy of transaction data input by its employees. The Contractor shall prepare and report each transaction in accordance with guidance provided during the training and, thereafter, by qualified Government representatives. The Government will advise the Contractor of any changes in processing and reporting procedures. The Government reserves the right to telephone the Contractor on a daily basis (Monday through Friday, except holidays) to obtain information concerning transactions processed **to monitor transactions using identified processing systems.**

(2) The Contractor shall record the physical inventory quantity (corrected to 60 degrees Fahrenheit) in the automated inventory system for each Government-owned product stored at the facility. Weekly inventory shall be recorded as of 0800 local time every Friday and monthly inventory shall be recorded as of 0800 local time on the first calendar day of each month. However, systemically, the end of month (EOM) physical inventory shall be reported against the last calendar day of the preceding month. The Contractor shall have the account reconciled by the third working day of the month.

(3) The Contractor shall prepare inventory adjustment documents (DD Form 1348-8) when inventory variances (discrepancies) exceed tolerance factors*; and when determinable losses occur, such as contaminated fuels, spills, pipeline ruptures, explosions or loss of product samples (five gallons or more) shipped to laboratories. A statement shall be provided by the Contractor on each inventory adjustment document explaining each gain and/or loss in excess of DESC provided tolerances. Each document shall be signed and dated by the Contractor's representative and the authorized Government representative and copies provided to DESC-FIE and DESC-FIW. The authorized Government representative shall indicate whether he/she concurs or nonconcurs with the statement and shall provide an explanation for any nonconcurrency. The term **authorized Government representative**, as used in this clause, refers to the quality representative assigned to the DFSP.

*Tolerance factors are 0.50 percent (0.005) for aviation and motor gasoline (avgas 130, MUR, MUP, etc.); 0.30 percent (0.003) for JP4; and 0.25 percent (0.025) for other jet fuels, distillates, residuals (JP5/JP8, diesel grades, F76, JPTS, etc.) and FSII.

(4) **END OF MONTH RECONCILIATION.** The Contractor shall have the account reconciled by the third working day of the month. The Contractor shall also provide DESC-FIE and DESC-FIW, within five working days after the end of the month, a written explanation of any discrepancy providing a detailed explanation of any gain or loss transaction in excess of tolerance. The Contractor shall retain all supporting documents on file for future audits.

(5) The following are documentation requirements for transactions:

TRANSACTION

DOCUMENT

SHIPMENTS

Shipments from a DFSP to authorized customers

DD Form 250/250-1
DD Form 1348-7

Shipments between DFSPs

DD Form 250/250-1
DD Form 1348-7

RECEIPTS

Receipts from a DESC Procurement Contract	DD Form 250/250-1
Service/Agency Receipts from a DFSP	DD Form 250/250-1 DD Form 1348-7
Receipts from a DFSP (receipts associated with shipments between DFSPs)	DD Form 250-1 DD Form 1348-7
Receipts from an end-user (with or without credit)	DD Form 250/250-1 DD Form 1348-7

INVENTORY

Physical Inventory	DD Form 1348-8
Inventory Adjustments	DD Form 1348-8
Normal handling of variances (excessive)	DESC Form 24 (for FCC 1027 users)
Determinable losses such as spills, line breaks, nonrecoverable tank bottoms, major disasters, combat losses, etc.	
Condition/Identity Change	DD Form 1348-8
Downgrade, regrade, or additive	

(c) OTHER REQUIREMENTS.

(1) **STORAGE TANK OUT OF SERVICE.** Prior to removing a storage tank from service, the Contractor shall immediately notify the authorized Government representative by telephone, with follow-up confirmation in writing, providing the date and time the tank is scheduled to be removed from service. In addition, the Contractor shall provide the authorized Government representative a written estimate of unrecoverable tank bottoms. The estimate will be reviewed and approved by the authorized Government representative prior to submission to DESC.

(2) **UNRECOVERABLE TANK BOTTOMS.** Prior to the end of the contract period, the Contractor shall provide the authorized Government representative a written estimate of unrecoverable tank bottoms. The estimate will be reviewed and approved by the authorized Government representative prior to submission to DESC.

(3) **REPORTING FUEL ADDITIVES AND SLOP FUEL.** Government-owned fuel additives, slop fuel, and transmix stock at the DFSP will be treated as separate and distinct items, and all transactions shall be documented as outlined herein. These products will be recorded in gallons and reported under the approved National Stock Number (NSN).

(i) An auditable identity change document (DD Form 1348-8) shall be used to account for bulk FSII blended with bulk fuel and fuel downgraded to slop. Fractions of a gallon cannot be used (e.g., if 1.5 gallons of FSII were injected, report 1 gallon and record the .5 once a whole gallon is used).

(ii) Packaged additives such as COR, ASA, AS1, AD1, and CO1 shall be accounted for locally using a general log or ledger. As the additive is injected, record the amount in the log to track usage and inventory. No other documentation is required.

(4) **CREATION OF SHIPMENT TRANSACTIONS.** As required and directed by the Government, storage Contractors shall create electronic shipment transactions using the USBank POWERTRACK on-line freight payment system. The Government shall advise Contractors of any changes in processing and reporting procedures. Contractors shall contact the Government when additional guidance is required. CONUS storage Contractors shall maintain a daily written log of motor carrier performance to include: carrier, destination, number of trucks ordered, number of trucks furnished, and deficiencies. On the last business day of each calendar month, the Contractor shall forward a copy of the daily written logs to the DESC Americas office having oversight of the motor carrier contract.

(5) **STATEMENT OF AUTHORIZED SIGNATURES.** The Contractor shall furnish the authorized Government representative a statement containing the names and handwritten signatures of persons authorized by the Contractor to receive and accept Government-owned product or property.

(6) **CHANGE IN DFSP OPERATOR.** Transfer of residual inventory from expired contracts will be made regardless of whether there is a change in contractors. The transfer of DFSP product will be accomplished as follows:

(i) The outgoing Contractor, the new Contractor, and the authorized Government representative will jointly gauge all tanks and calculate the physical inventory.

(ii) Upon completion of the inventory, a DD Form 1348-8 will be completed for each grade of fuel.

(iii) The following certification will be typed on each DD Form 1348-8 and signed by the appropriate individuals:

"The inventory recorded on this DD Form 1348-8 has been transferred from contract

(old number) to contract (new number) on (date).

Signature (Outgoing Contractor) / (New Contractor) "

(iv) The Contractor shall provide this information to the Government by telephone and by mailing one copy of each DD Form 1348-8.

(v) The Government will mail three copies of the Inventory Reconciliation Document Register* covering the transfer month to the outgoing Contractor. The outgoing Contractor shall apply appropriate certification to the Inventory Reconciliation Document Register* and retain one copy, provide one copy to the new Contractor, and return the third copy to the Government.

(7) **RETENTION OF ACCOUNTABLE RECORDS AND DOCUMENTS.** All records and documents identified above are DESC-accountable records and must be retained for two years after expiration of the contract.

*Not separately required if DESC provided automated inventory/accounting systems or applications are being used to electronically process transactional data (i.e., applications under the DESC FAS program).

(DESC 52.245-9F30)

QUESTIONS AND ANSWERS

SP0600-03-R-0032 Amendment 2

1. RAPID REFUELING (RR) OPERATIONS - DESIGN - The Performance Work Statement (PWS) for the RR operation at Fort Carson has a wide range of flow rates required to service aircraft (56 – 100 – 300 GPM) and a not-to-exceed (NTE) pressure of 35 psig at the nozzle, while simultaneously delivering 275 GPM to each fueling point (paragraph C-3.1.4). Hydraulic calculations and computer-simulated transient surge analysis calculations will need to be completed to ensure that the system operates in accordance with the PWS. MIL-HDBK-1022 Paragraph 9.1.3 does not allow the use of manual calculations, instead of computer modeling, when system surge pressures are crucial and the piping system is complex. This is the case with the multiple rates on the same system and a critical NTE pressure for Butts AAF Rapid Refueling, therefore computer modeling is required.

a) Does the Government have a listing of those software programs that are deemed acceptable to perform this modeling, since the software is proprietary and expensive?

ANSWER: As part of the PWS the Government has required the Contractor to perform to best commercial practice. The Contractor shall own, operate, maintain and otherwise be fully responsible for any facilities provided under this contract. The Contractor shall ensure the services meet the PWS requirements.

b) Does the Government have a minimum training/qualification requirement for those personnel authorized to use the software, and perform these analyses?

ANSWER: The Contractor shall ensure that the personnel involved in the development, operation and maintenance of provided services are qualified to do so. The Contractor shall own, operate, maintain and otherwise be fully responsible for any facilities provided under this contract. The Contractor shall ensure the services meet the PWS requirements.

c) When will it be necessary to provide evidence that the Contractor-proposed rapid refueling system will satisfy all flow rates and pressure requirements that are in the PWS? That is, should it be assumed that these calculations need to be submitted in the Technical Proposal by each Contractor to determine if the Contractor's design satisfies the requirements of the PWS, or must such evidence be provided later following award and during commissioning/startup, but before actual RR operations begin?

ANSWER: Evidence or outline of the steps that the Contractor will take to ensure that the facility will meet the requirements for rapid-refuel are a decision the Contractor will have to consider as part of their technical submission. After award of the contract, the successful bidder will have to demonstrate to the Government that they can provide the services as described in their technical proposal prior to and during construction and during commissioning/startup if deemed necessary by the Government.

d) Will there be formal commissioning tests, after construction, performed by the Contractor and witnessed by the Government to ensure compliance with the PWS before operations (and invoicing) can begin?

ANSWER: The Government will reserve the right to visit the site to ensure contract compliance. The Government will be expecting, as described in the PWS, that the Contractor will provide performance based plans that provide the Government assurance that the Contractor will meet all performance requirements outlined in the PWS prior to start of operations.

e) If so, who is responsible for preparing the commissioning/acceptance test criteria and checklists, DESC or the Contractor?

ANSWER: The service the Contractor will provide the Government requires the Contractor to provide a Contract Compliance Plan. It is the Contractor's responsibility to provide necessary equipment, materials, and other evidence to ensure all aspects of the requirements of the PWS are met. It is the Contractor's responsibility to demonstrate to the Government that the service can be safely provided and requires the Contractor to provide assurance to the Government that they have met these requirements.

f) In addition, a hydraulic and surge analysis will be needed to determine the exact equipment and materials that will be needed to satisfy the PWS. For example, hydraulic and surge analysis will reveal the bulk modulus of elasticity necessary for selection of the pipe to be used throughout the system, then the appropriate pipe can be purchased. Only the equipment and materials that meet or exceed the hydraulic and surge analysis computations will be installed in the system. Does the Government want a listing, included in the Technical Proposal, of these calculated materials and equipment to ensure these requirements are addressed, met and/or exceeded?

ANSWER: The Government is looking for the salient measures that the Contractor will take to ensure compliance with the PWS as part of the Contractor's technical proposal submission. The Government has documented in the PWS, that the Contractor shall identify in their technical proposal the type of material that will be used throughout the fuel distribution system. The successful bidder is required to submit performance based plans that will demonstrate that the system meets the performance requirements described in the PWS, during the Post Award phase of the contract.

g) If not, what is the Government's timing and criteria for determining that the Contractor-provided design, materials and equipment satisfies all requirements of the PWS prior to commencing operations, such as an acceptance test per question #4?

ANSWER: Refer to answer f) above

2. PIPING - Section C-3.1.4 of the PWS requires the Contractor to provide aircraft rapid refueling capability from the Butts Road Bulk Storage Facility, across the highway (Route 5), to designated fuel pads on Butts AAF via a day tank. By definition in MIL-HDBK-1022, Section 6.1, this line appears to be an interterminal pipeline. An interterminal pipeline is a pipeline that crosses public and private properties, streets, highways, railroads and utility rights-of-way. Butts Road (Route 5) is a public highway as classified by DOT, as are the local utilities, even though they are on Government property.

a) Is this interterminal pipeline, even though it is very short, a 49 CFR Part 195 regulated pipeline per MIL-HDBK-1022?

ANSWER: The Contractor shall employ best commercial practices in compliance with this contract and is not required to comply with the MIL-HDBK-1022A, but shall comply with Federal, state and local requirements unless otherwise noted in the PWS.

3. PUMPS – API Std 610 pumps are required, by MIL-HDBK-1022 Para 4.7.8.2, for the Rapid Refueling Facility.

a) Will the Government require that all pumps, including those at the Bulk Facility, be API Std 610 pumps or just those at the rapid refueling facility?

ANSWER: The Contractor shall ensure that the fuel handling equipment does not adversely impact fuel quality. Also, refer to answer to 2 a) above.

4. Our responsibilities include building, maintaining and training functions for the facility on Butts AAF. The system will be operated by Army personnel or civilian Contractors. We will have liability exposure whenever the civilian operator operates the equipment – we will most likely be included in any suite that results from that company's actions. It is reasonable for us to expect the civilian Contractor to 1) name us as an additional insured under their liability policy and 2) hold us harmless for their actions. Will DESC arrange for these two matters to be put in place prior to the contract start?

ANSWER: The civilian Contractor will operate the system as emergency backup only. The primary system operators will be uniformed soldiers, MOS 77F, trained to hot refuel aircraft.

5. The size of the heliports and the size the hose necessary to produce the required GPM and pressure indicates the practicality of using hoses instead of expensive pantographs. Will the Government entertain a pit and hose arrangement rather than the pantographs?

ANSWER: The Contractor shall provide a facility that meets the performance criteria in the PWS. The Contractor may propose whatever equipment, components, etc., he determines will meet the performance criteria.

6. Attachment to DD Form 1704 starts with " 2. with Government Agencies " Is there a number 1 and where is the beginning to the number 2 sentence?

ANSWER: Yes - it begins on the DD form 1707 in block 7.

7. Section L.2.33.100 (b), Technical Proposal, includes the Operational Capability, Past Performance, and Subcontracting. The last sentence in L 2.33.100 (b) (1) states: "The technical proposal must not exceed 25 pages." Please clarify.

ANSWER: The technical proposal can be no longer than 25 pages, excluding drawings, cut-sheets, and resumes. Also, the Past Performance and Subcontracting information may be inserted in the price proposal.

8. Solicitation Paragraph L2.33.100(2)(iii) indicates that the Subcontracting Plan should be included in the Technical Proposal. The Subcontracting Plan includes costing information. Is it the Government's intent to have the Contractor include pricing information in the Technical Proposal?

ANSWER: See question 7.

9. Solicitation paragraph C1.1 refers to leased property. What will the Contractor be charged for the leased property and, where should the lease price be costed?

ANSWER: The real estate will be conveyed per a no-cost lease arrangement between the Army and the Contractor.

10. Paragraph G148.05(c)(1) states "The Government will reimburse actual overtime labor rate paid times actual overtime hours, plus social security taxes, insurance, and fringe benefits. No profit or G&A (general and administrative expenses) will be allowed. Profit and G&A should be included in the monthly services charge based on the dollars estimated for the overtime line item." Since this is a new contract effort, it is obvious that the Government does not have overtime past history. Having to make an uninformed estimate on overtime requirements puts the Contractor at needless risk. Because of the lack of data, and since Line Item 1002 is a 'Not To Exceed' item, we request that overtime be computed as Augmentation Rates on an individual labor category basis with profit and G&A included in the computation and that these calculations be included in the Cost Detail accompanying the proposal. Individual Contractors would determine what Labor Categories to use. We further request that Line Item 1002 be changed to exclude the average hourly rate.

ANSWER: G&A and Profit must be included in line item 1001 per clause G148.05. See changes to B34.01 clause, line item 1002. We have estimated \$5,000 per year overtime. However, to date, we have not exceeded \$3,000 on this line item at any current AFDF.

11. The second paragraph of Solicitation Section C-1.3.4 states that "The Contractor shall be responsible for spill response, spill containment and any clean up associated with spills IAW clause H19 and the Ft. Carson Oil and Hazardous Substance Spill Prevention and Response Plan. In the event of a spill, the Contractor shall notify installation officials IAW the Spill Plan. Contractor shall be responsible for proper disposal of contaminated items associated with any spill and any required remediation." Assuming the spill was not due to Contractor negligence, will costs associated with the cleanup be covered by the Government?

ANSWER: If a spill results from Government personnel error or negligence, the Government shall reimburse the Contractor for clean-up costs.

12. Solicitation Section B, Line Item 1004 indicates a requirement for 5,000 keys in the first year; however, it is confusing as to how many are required for the second and subsequent years. Please Clarify

ANSWER: Please refer to the **amended** contract clause B34.01. 5,000 are required initially. The CLIN 1001 price shall also include 200 keys per annum after the initial 5,000 are gone. After that, a per key charge will be reimbursed to the contractor.

13. Will the Government provide servicing for Contractor provided fire extinguishers?

ANSWER: No.

14. The Government has provided its version of a Small Business Subcontracting Plan; however, most business have developed their own plans. Is it permissible for Contractors to submit their own Small Business Subcontracting Plan rather than use the one provided by the Government?

ANSWER: Yes. However, be aware that clause L2.33.100 also requires subcontracting data that will be evaluated as part of the best value selection. These are separate requirements.

15. Appendix A, Definitions In appendix A it defines "Cold Refueling: Refueling aircraft with engines shut down." This requirement is not usually accomplished at a hot fuel or rapid fuel point, therefore requiring a fuels vehicle to refuel the aircraft at its location. However, there is no other mention of "cold refueling in the solicitation. Please clarify if there is a cold refueling requirement and/or a need for a fuels vehicle.

ANSWER: Delete all references to cold refueling. Cold refueling services are not required under this contract.

16. We understand a rapid refuel point will be established across the road from the bulk fuels storage facility. This will require a day tank to be installed. Is it the intent of the Government to have the contracted facilities (the day tank) filled by pipeline from the bulk storage facility or is there a requirement to refuel this day tank by truck? Please clarify.

ANSWER: The Government prefers that the hot refueling site be supplied by pipeline from the bulk storage facility and the capability to transfer product from the day tank back into bulk storage, if necessary.

17. The solicitation states that the Government will lease the land for Contractor use. Is the cost for leasing the land passed on to the Contractor? If so, what is this price?

ANSWER: See question 9.

18. What are the base environmental permitting requirements and process for obtaining permits? Must the base review and approve everything prior to installation? Will the Contractor be afforded the appropriate time for an environmental review and construction completion in the given six-month period? This is a concern because an environmental review can often times take several months.

ANSWER: The Contractor shall be responsible for obtaining all required permits and shall inform DECAM/DPW of all permits obtained. Following is a list of permits/actions that Fort Carson believes the Contractor will need to obtain: (1) Air permit, either from the State or the County, and either a conformity review or a record of non-applicability; (2) Register the fuel storage tanks with the state- CDLE; (3) Construction permit will be required from the county so long as the construction time remains under six months; (4) The facilities may need an APEN as well for emissions; (5) The Contractor will have to apply for an NPDES permit - should take a couple of weeks.

19. Will there be any exercises we will have to support? If so, how many per year? Is there any data the base can provide for a Contractor to determine manning during exercise versus non-exercise periods?

ANSWER: The Contractor will support any local down range exercises. The anticipated fuel usage has been captured under the surge column in figure 3 of the PWS. Specific number of exercises is not known at this time, but this information is made available to the DOL by the G3 staff, usually by fiscal year, and would be available to the Contractor in a timely manner.

20. Does the Contractor's radio system have to be approved by DOOM? With regards to radios, who provides the frequency?

ANSWER: There is no specific requirement for radio use in the PWS. Should the Contractor propose the use of radios to conduct business, he must contact Barbara Vanis, the DOIM Frequency Manager, (719) 524-3536. The DOIM does not provide radios or frequencies. Most contractors use commercially licensed frequencies. However, the base needs to know what they are to cross check them against existing radios to avoid interference. The contractor must contact Barbara Vanis prior to transmitting on the installation.

21. Does the 25-page count limit on the technical volume include past performance?

ANSWER: See question 7.

22. If a Contractor is considered to be a small-business under the NAICS code and size standard for this solicitation, does the SB Contractor still have to submit a Small-Business Subcontracting Plan and abide by the requirements as stipulated in Section L2.33.100 (b) (2) (iii) Subcontracting?

ANSWER: Yes. The subcontracting plan attached to the solicitation (DESC 19-3) does not apply to small businesses, however the requirements of Subcontracting in clause L2.33.100 as an evaluation factor **do** apply.

23. Since the facility will be built on Federal land, is the contractor subject to Federal, State, and Local taxes for the facilities installed equipment, vehicles, etc.? What items would be exempt for contractor purchased equipment?

ANSWER: Taxes are not our concern. Whatever you may work out with the responsible authorities is up to you.

24. The bulk storage area requires a fence to include a gate system. Can this gate system be a remote type system (e.g. automatic, sensor, card reader, or similar) to enable entry?

ANSWER: A remote type system is not required. If a remote system is installed, it must be capable of being opened by sensor or the VILKEY to gain access.

25. Will the Contractor be allowed to have a natural gas tank situated near their proposed building facility for heating purposes?

ANSWER: The Contractor is responsible for coordinating with the local natural gas supplier to determine if service can be provided to the Contractor's facility.

26. Can we use the fuel tanks to supply fuel for the back up generators, or are we required to supply a separate tank for each generator.

ANSWER: Yes, you may use DESC fuel for the occasional operation of generators.

27. At the walk through it was mentioned that there is a FuelMaster 2550 card reader that is to be used, in the specification it doesn't call out Fuelmaster can an approved equal be used.

ANSWER: The automated dispensing system must meet the DOD standard and be fully compatible with FAS. The FuelMaster 2550 is the only system that currently meets these criteria.

28. What is the number of keys that is to be supplied with the fuel management system initially, and then how many each year after the first.

ANSWER: See amended contract clause B34.01 and question 12.

29. It is our understanding that at the retail sites, each vehicle will have a key that will authorize fueling, we will be able to track our inventory through the card reader this way. Out at the hot refuel pits, how are the keys going to be handled, is each aircraft going to have its own key? Also we are required to re circulate the product at each hot pit, or is this going to be done by the Army. If the Army is going to do this will they have a separate key just for re-circulation, or how will they keep track of the fuel being re-circulated. Because when they are re-circulating, the fuel is running through the meter which counts the fuel as being distributed.

ANSWER: See Amendment to PWS paragraph C-3.1.4, Aviation Fuel Supply to Rapid Refuel Operation.

30. What products are we to make available to dispense into vehicles at the bulk storage site. (if one is gas, does this need to be e-85 compatible)

ANSWER: Retail dispensing at the Butts Road bulk facility will be limited to JP8 only. See Amendment to PWS paragraph C-3.1.1, Additional Requirements.

31. Is there a size requirement for the tanks at the bulk storage site for dispensing into vehicles?

ANSWER: No, but is should be based on transaction data for retail JP8 provided in the amended PWS.

32. Can we use the same tank at the bulk storage site for storage and dispensing into vehicles, or are you going to require separate tanks?

ANSWER: The Contractor is responsible for determining tank requirements.

33. Clauses Incorporated by Reference includes I32 – Cancellation Under Multiyear Contracts – FAR 52.217.2. Paragraph (c) of the FAR states that cancellation charges cannot exceed the ceiling established in the schedule. We cannot find that a schedule has been included in the solicitation. Will the Government include a proposed cancellation schedule?

ANSWER: No, we no longer include cancellation ceilings. In the event of cancellation of the contract within the first five years, an equitable adjustment will be negotiated and all reasonable cancellation charges will be considered.

34. Clauses Incorporated by Reference includes I124 – Liability For The Facilities – FAR 52.245-8. It is our understanding that the cited FAR applies only to Government Owned Facilities under the control of the Contractor. How does this apply to this solicitation?

ANSWER: Some clauses are required by FAR, DFAR, etc. to be included. Parts that do not apply are self deleting.

35. Clause I122 – Use of Facilities. Paragraph (b) is not applicable to Contractor owned and furnished facilities. Will the Government delete this paragraph or state that it does not apply?

ANSWER: The clause has been deleted.

36. Clause M43.01(a) states that proposals will be evaluated for purposes of award by adding all options to the base. Clause M18.05.100 States that price evaluation will be by discounting future years cost. This seems to conflict. Which method will be used for this solicitation?

ANSWER: Both.

37. PWS, Section C-1.3.5 – Safety Plan: Will the Government confirm the verbal direction provided at the Pre-Solicitation conference that safety plans for flight line refueling and flight line operations are not required as the Contractor will not be conducting those operations?

ANSWER: The Contractor's safety plan does not need to include aircraft refueling operations. However, since the Contractor will be responsible for the hot refueling system and will have personnel on the flight line maintaining this system, the safety plan must include pertinent information.

38. PWS, Section C-1.4 – Personnel Staffing Objectives: Will the Government confirm the verbal direction provided at the Pre-Solicitation conference that staffing objectives do not cover aircraft refueling operations?

ANSWER: Personnel staffing objectives do not include aircraft refueling operations.

39. PWS, Section C-2.2.3 – Product Quality: Will the Government confirm the verbal direction provided at the Pre-Solicitation conference that the requirement in paragraph 3 of this section regarding pre-operational checks for refueling equipment does not apply. Military or civilian flight operations personnel will conduct these checks as part of their QC responsibilities. Contractor is responsible for checks on his ready issue equipment only.

ANSWER: See Amendment to PWS paragraph C-3.1.4, Aviation Fuel Supply to Rapid Refuel Operation.

40. PWS, Section C-3.1.1 – Additional Requirements: Will the Government confirm the verbal direction provided at the Pre-Solicitation conference that the intent is for the Bulk stands to be operational only when a station attendant is required and is on the facility during normal hours and surge hours if required.

ANSWER: The bulk stands shall be open only when an attendant is present whether under normal or surge conditions.

41. PWS, Section C-3.1.2 – Bulk Receipts: Does the 3,157,500 gallons of JP-8 shown in Figure 2 include the 650,000 gallons for aircraft issues shown in Figure 5?

ANSWER: Yes.

42. PWS, Section C-3.1.4 – Aviation Fuel Supply to Rapid Refuel Operation, Table 4. Since onboard gallons vary considerably between the listed craft, assumptions can significantly affect the size of tank that should be installed. Can the Government provide an anticipated breakdown percentage of the types of aircraft listed?

ANSWER: OH58D – 30%, UH60 – 40%, AH64 – 20%, CH47–10%

43. Clause B34.01 Services to be Furnished, Line Item 1004. Will the Government confirm that the initial key requirement is for 3000 keys, not 5000 as stated?

ANSWER: The initial VILKEY requirement will remain at 5000 keys. See amended B34.01 clause.

44. Clause B34.01 Services to be Furnished, Line Item 1004. Will the Government confirm that the unit price only applies to keys issued in excess of the required 3000 regardless of when the additional keys are needed?

ANSWER: See amended B34.01 clause and question 12.

45. Has the Government established a minimum requirement for pavement design in terms of minimum load carrying capability or in terms of pavement materials, i.e – asphalt versus concrete?

ANSWER: Minimum load carrying capability is 60 tons.

46. Has the Government established a minimum storage requirement for bulk JP-8 at the Butts Facilities.

ANSWER: Minimum storage of 200,000 USG JP-8, 50,000 USG Diesel and 20,000 USG Mogas must be provided at the bulk storage facility. The Contractor shall determine the sizing of the hot point day tank from the transaction history provided in the PWS.

47. Is the Contractor responsible for providing emergency power for his ready issue equipment at the hot refueling area?

ANSWER: Yes.

48. The 4-way stop intersection of Specker and Barger Streets is extremely busy in the morning and afternoon rush period. Will the Government establish a minimum separation distance from any entrance or exit into the vehicle fueling facility to the intersection of those streets to assure traffic safety and control?

ANSWER: 200 feet is the minimum distance from the entrance or exit of the fuel facility to the intersection of Specker and Barger streets. The Contractor shall propose ingress and egress to the facility that would maximize traffic safety and control. However, the Government would like an alternate or secondary entrance/exit from the tank trail for staging of large military vehicles to help alleviate any possible traffic flow problems on Specker and Barger Streets when convoys use the retail point.

49. Will the Government confirm that gasoline storage and dispensing equipment for the vehicle fueling facility is to be installed as fully compatible with E-85 without future modification?

ANSWER: The gasoline storage and dispensing equipment at the Specker and Barger facility shall be installed fully compatible with E-85.

50. At the Pre-Solicitation conference, the Government specified that all utility or pipeline crossings of Butts Road must be bored. Does this same requirement apply to Specker Street?

ANSWER: Yes.

51. Can the Government confirm that there is no requirement for a connection to the Fort Carson LAN?

ANSWER: Fort Carson does not require the Contractor to be connected to LAN. The Contractor is responsible for determining the appropriate method for connecting with FAS/FES and corresponding with the COR.

52. Immediately following the Pre-Solicitation conference, a conversation was held with the Chief Fire Inspector for Fort Carson. He advised that since the facilities were basically unoccupied facilities, he did not see a requirement for a radio communication fire panel. He would only require a 911 phone at each location. Could the Government clarify the fire panel requirement?

ANSWER: Depending on type of construction and size of facility, fire alarm system may or may not be required.

53. At the Pre-Solicitation conference, the Government specified that the required fire panels were to be Monaco. The Chief Fire Inspector advises that the panels, if required, would be Harmon. Would the Government please clarify?

ANSWER: Brand name is G.H. Harlow. See also question 52.

54. The Chief Fire Inspector expressed some concern that, depending on the layout and size of the Bulk Facility, a looped system could place hydrants too close to a potential fire to be of any use due to heat. Will the Government confirm the verbal direction provided at the Pre-Solicitation conference that 4 fire hydrants and a fire main loop are required at the Butts Road Bulk Facility?

ANSWER: The system shall be in accordance with NFPA 30 and the authority having jurisdiction.

55. Will the Government confirm the verbal direction provided at the Pre-Solicitation conference that the Contractor is not responsible for furnishing fire protection equipment at hot refueling points?

ANSWER: Butts AAF and/or the operating unit shall provide the required fire protection equipment in support of hot refueling operations. The Contractor shall be responsible for providing any required fire protection equipment for the facilities.

56. Considering the question above, will the Government clarify who would furnish a hydrant near the day tank located on Butts AAF if required? If the Contractor is to furnish, can the Government specify a minimum separation distance between the tank and the hydrant to ensure safe operation by the Fire Department?

ANSWER: The Contractor shall furnish a hydrant, if required, and follow NFPA or other guidelines to determine distances.

57. Would the Government confirm that Fort Carson will furnish and install a 911 phone, or phone restricted to on base calls, to cabling installed by the Contractor?

ANSWER: The Government shall furnish the telephone service; the Contractor shall furnish the phone and installation.

58. Would the Government confirm that one retail dual hose dispenser for JP-8 is required at the Bulk Fuel facility?

ANSWER: Refer to Amendment to PWS paragraph C-3.1.1, Additional Requirements.

59. Will the Government confirm the verbal direction provided at the Pre-Solicitation conference that the Contractor is not responsible for fuel spill response or cleanup costs for any spill caused by any Government, or Government authorized, personnel utilizing the Contractors facilities?

ANSWER: See question 11.

60. Will the Government confirm the verbal direction provided at the Pre-Solicitation conference that the Contractor will not install security fencing at the Specker and Barger retail facility except as may be required by NFPA?

ANSWER: The Contractor is not required to install security fencing per Fort Carson's request; however, the Contractor is still bound by local, state and federal regulations/guidelines such as NFPA pertaining to fuel storage facilities.

61. Utility Tie-in Data - Data provided at the Pre-Solicitation conference and on the CD provided by Fort Carson is inadequate for the Contractor to reliably estimate utility construction costs for a responsive and competitive cost proposal. To that end, could the Government provide the data in the following list of questions?

ANSWER: Yes, if we can.

62. What is the depth from the surface to the flow line of the sanitary sewer running north-south along the east side of Specker and along the west side of the proposed site area?

ANSWER: There are two sewer lines east of Specker. One is industrial and the other is sanitary. Industrial is 12 feet to bottom of manhole. Pipe size looks like 24-inch. Sanitary is 7 ½ feet to bottom of manhole and looks like a 10 or 12-inch pipe.

63. There appears to be a pull box for UG telephone lines on the west side of Specker just south of the drive into the Envision Express office building. If this is true, is there an existing conduit under Specker large enough to accommodate cable requirements to the new retail facility?

ANSWER: An error in our plant in place drawings shows the closest manhole/duct system on the west side of Specker Ave., **this is incorrect**. The manhole/duct system runs on the east side of Specker Ave in front of the proposed Rapid Refueling Operations (RRO) Point. Empty duct is available from a manhole close to the RRO location to the existing cable tap point in MH306 located on the west side of Specker Ave. This is the point for access to Government telephone cables 01-01 pairs 1551-1600. The location for Qwest cable is unknown at this office but can be located by using the 1-800 number in the phone book.

64. If telephone cable is not as described above, is it located on the east side of the drainage canal? There are no phone pedestals evident in that area.

ANSWER: There are no telephone pedestals available on the east side of Specker for service to the requested area, however Qwest might. See also question 63.

65. Is the water line servicing the Envision Express building large enough to supply the small requirements for the retail facility and can that line be tapped and a new meter added?

ANSWER: You should assume that you will need to tap into the water main. Envision Express owns their facility and water laterals. Additionally, Envision probably has a sprinkler system in their facility that requires specific water flow and pressures.

66. Is the main power distribution for this area on the west side of Specker or on the east side of the drainage canal?

ANSWER: The main power distribution is on the east side of the drainage canal and parallels the fence line of the compound behind the site.

67. There is a pad-mounted transformer located at the southeast corner of the site that currently feeds the Envision Express building. What is the rating of this transformer? What the primary and secondary voltages? Is it connected in "Y" or "delta" configuration? How much additional capacity does this transformer have? Can it be used to supply power to the retail facility if current load allows? If not, will the Government supply and install new transformers? If so, where?

ANSWER: The Contractor will need to provide a transformer. The transformer at the Envision Express building is not owned by the Government, but the property of Envision; the demark point is at the cutout on the pole. The Contractor shall determine where to install the transformer for the fuel facility.

68. At the Pre-Solicitation conference, it was stated that the sewer main is on the east side of Butts road across from the proposed site and that this is a force main. What is the depth of the force main? What is the size of the force main pipe? What is the operating pressure of the main in that area?

ANSWER: Yes it is a 6" plastic pipe forced main system. The depth is approximately 5 feet. The operating pressure is unknown.

69. At the Pre-Solicitation conference, it was stated that the pole-mounted transformers on the east side of Butts Road could be used for power to the Bulk Facility and to the ready issue area. What is the rating for this transformer bank? What are the primary and secondary voltages? Are they connected in "Y" or "delta" configuration? How much additional capacity does this bank have? If there is insufficient available capacity to supply the new facilities, will the Government provide and install new transformers? If the Government installs new transformers, where would they be located?

ANSWER: The contractor shall provide the transformer at this site also as part of your proposal..

70. There is an aerial phone cable from a pedestal located at the transformer pole mentioned above to a pole located on the west side of the road. Can the Contractor lash new phone lines from the pedestal to the existing aerial line?

ANSWER: The existing overhead cable on Butts Road is going to be removed. All new outside plant telephone cable must be placed underground.

71. The water main for this area is on the east side of the road and must be tapped to supply fire and potable water to the new facilities. What is the diameter of the line? What is the depth of the line? What is the flow rate of the line when the fire pumps are running? What is the normal pressure on the line? What is the residual pressure on the line when hydrants are in use?

ANSWER: The water line is approx. 6" and depth is 60" minimum. Nominal pressure would be approximately 40 psi, boosted to 70 psi under fire flow conditions. The contractor will tap into the non-intermittent water line that is located alongside Butts Road.

72. Considering the number of issues to be resolved, will the Government consider a two week extension to the bid due date?

ANSWER: We will always consider necessary extensions.

73. Will the Government confirm that facility arrangement drawings, piping schematics and equipment lists or vendors data do not count in the 25 page limitation for the Technical Proposal?

ANSWER: See question 7.

74. Will the Government confirm that Past Performance and the Small Business Plan should be moved to Volume 1, Price Proposal?

ANSWER: See question 7.

75. Recognizing the need for a separate line item for the Rapid Refuel Operations because of possible delays in completion of the Governments work, would the Government consider combining line items 1001A and B in the base and similarly for the options? Much of the Contractors cost for management and overheads for these facilities will cross over these lines and cannot be realistically separated into true stand-alone costs.

ANSWER: Yes, we will consider it upon the request of the successful contractor.

76. Will the Government please specify and confirm all setbacks for each site informally mentioned at the Pre-Solicitation conference?

ANSWER: For the retail site: The set back must be at least 5 feet from the existing sidewalk for any paved surfaces. The set back must be at least 14 feet from the road and tank trail in areas where there isn't a sidewalk for any fence or other paved surfaces. The above ground storage tanks must be setback behind the fuel islands.

For the bulk site: The setback must be at least 25 feet from the road for the fueling islands, canopy and other structures.

77. Can the Government provide a contact name and contact data for a responsible party at Butts AAF so that glide-path restrictions and height limitations can be verified?

ANSWER: Only the FAA, through the Department of the Army's Representative to the FAA (DAR), can approve (if necessary) the construction near an Army Airfield. The DAR is contacted through the Installation Air Traffic and Airspace (AT&A) officer, Mr. Gary Hinds (526-0143). Guidance for when FAA approval is required and how to get it, is contained in attachment six of UFC 3-260-01 (can be downloaded from the link below) UNIFIED FACILITIES CRITERIA (UFC) AIRFIELD AND HELIPORT PLANNING AND DESIGN UFC 3-260-01, 1 November 2001
<<http://www.hnd.usace.army.mil/techinfo/UFC/UFC%203-260-01.pdf>>

78. The fuel plume location drawings supplied on the CD are not very clear due to the large scale. Can the Government supply a reduced scale version, possibly just covering the limits of the proposed site? If not, can the Government supply an AutoCad format file so that the Contractor can narrow in on the site?

ANSWER: The drawings supplied on the CD were generated from samples taken at various locations and are a general representation of the site. The Government prefers that the Contractor use the north end of the site that is outside of the plume area. Map is attached.

79. Both the small scale sketch of the Governments planned hot-point fueling pads and the Butts plot plan included on the CD are not sufficient to tie the two locations together for accurate planning and cost estimating purposes. Could the Government provide a document that better describes the exact location of the pads to the proposed property for the Bulk Site?

ANSWER: No.

80. Will the Contractor's Oil Water Separators be allowed to empty into the Post stormwater system using the Fort Carson NPDES?

ANSWER: No, it can go into the sanitary or industrial systems, but not the stormwater system.

81. What is the centrally-connected fire alarm system that we must tie into; i.e. - Monaco?

ANSWER: See question 53.

82. What is the location of any designated borrow and dump sites on Fort Carson for construction materials that may be used by the Contractor?

ANSWER: Fort Carson does not have a borrow pit or dump site.

83. What are the exempted materials (if any) for the dump site(s).

ANSWER: See question 82.

84. Is the Contractor entitled to Help Desk support from Syn-Tech for the FuelMaster software? If so, is there a charge for this service and support?

ANSWER: The Contractor must deal directly with Syn-Tech on any automated system problems. Problems with FAS shall be reported to the DESC Help Desk.

85. Section C-2.2.3 contains four statements of either "when directed by the COR" or "as determined by the COR." It is impossible to quantify these for cost purposes. Is it the Government's position that any sampling beyond that in Table I may be directed by the COR, but is at the Contractor's expense for materials and storage?

ANSWER: The COR will direct additional sampling only if a quality issue arises and only after coordination with APC/DESC. The Contractor's inherent responsibility for product quality under this contract is part of the Contractor's cost of doing business.

86. Is there a Post fuels laboratory at Fort Carson that may be used to check samples?

ANSWER: No.

87. Please restate the Technical Proposal length limitations for paragraph L2.22.100 – 25 pages of written material, but what is excluded from that count?

ANSWER: See question 7.

88. Does Fort Carson have a HAZWOPR Course? If so, can the Contractor send personnel for the certification and annual refreshers?

ANSWER: Yes, HAZWOPR is available along with refreshers. Arrangements can be made for the Contractor to attend.

89. It was mentioned during the Preproposal Conference that two sites will each need a communications interface board. If this is a Contractor-furnished item, what is the specification and/or cost?

ANSWER: The building entrance terminal (BET) is provided by the contractor as well as all cable and splices to provide a turnkey installation. The BET provides protector modules of the two-element gas tube type. Protection modules shall be maximum duty, A>20 kA, B>1000, C>200A where A is the maximum single impulse discharge current, B is the impulse like and C is the AC discharge current per ANSI C62.61. The gas modules shall shunt high voltage to ground, fail short, be equipped with an external spark gap and heat coils, and shall comply with UL 497.

90. Fort Carson currently houses a Light Infantry Division, which could change. What is the required load rating of the concrete surfaces, based on the type of vehicles on Fort Carson, for each site?

ANSWER: See question 45.

91. During the Conference fencing was discussed for the sites, and the new requirement may conflict with the PWS. What is the current requirement for fencing at each site?

ANSWER: See question 60 for the Specker and Barger location. The fencing requirement for the Butts Road location shall be IAW with the Installation Design Guide.

92. This solicitation is governed by Wage Determination labor rates for minimum pay of all personnel employed on this contract. No particular Occupation Title is referenced in either the PWS or Offeror Submission Package, although Paragraph C-1.6 of the PWS has certain qualifications for the personnel the Contractor employs. Is it the intent of the Government that the Contractor determine which Occupation Title(s), by Department of Labor description, should be employed?

ANSWER: Yes. See amended B34.01 clause.

93. In the Environmental Baseline Survey on the CD provided at the Preproposal Conference there is a reference, in Paragraph 1.2, to a storage capacity of 1.5 million gallons at the bulk station. Is there any relevance of this requirement for the tactical vehicle fuel supply needed at the Butts Bulk site?

ANSWER: Disregard the storage capacity reference in the EBS. See question 46 for minimum JP8 storage at Butts. The Contractor shall determine other product and/or additional storage requirements based on requirements information provided in the PWS.

94. In the Environmental Baseline Survey on the CD provided there is a reference in Paragraph 1.2 to bio-diesel. Is bio-diesel a type of fuel that must be considered during the design?

ANSWER: Use of bio-diesel at Fort Carson is not being planned at this time; however, future requirements may dictate the use of this product and the Contractor should plan accordingly.

95. Paragraph C-1.5 of the PWS, Note 1 clearly states that the Contractor will be provided a training schedule and estimated fuel requirements, a minimum of two weeks in advance, showing projected operations tempo. Appendix D: Product Standard Operating Procedure for Ft Carson, requires the Contractor to distribute the SOP to all personnel involved in the operation – presumably those providing the training schedules and fuel estimates, and resolve problems per paragraph 8 of the SOP. Is the Contractor being made responsible for direct coordination with units based on their training schedules and fuel requirements, and for enforcing the SOP?

ANSWER: The Contractor is required to distribute the SOP to all Contractor employees and must ensure they understand the procedures. The Contractor is not responsible for ensuring compliance by Government personnel. Paragraph 3 of the SOP clearly states that Ft Carson is responsible for coordination with units and providing the requirements to the Contractor as stated.

96. The solicitation requires the Contractor to make the sites expandable. Is this expansion in quantity of fuel stored, additional dispensers/loading arms/hot points for throughput, etc? That is, does the Government have any additional guidance to “expansion” or provide quantifiable measurements we can use for planning?

ANSWER: The Contractor needs to take into consideration in the design/layout of the facilities the potential for additional storage, dispensing, loading, etc., capabilities in the future.

97. Does the Government want the retail site designed to dispense E-85 and MUR, or just one of the products? If just one, please state which.

ANSWER: The site must be designed to the most stringent storage/dispensing requirement and be capable of switching from one product to the other as demand merits. Both products are not required to be available simultaneously.

98. It was mentioned during the Preproposal Conference that “at least 200,000 gallons of JP8 storage is necessary at the bulk site.” Does this quantity include that necessary for surge at the airfield? If not, the quantities in Figure 3 do not justify that amount of storage and additional guidance is necessary, as Figure 5 for the Projected Annual Aircraft Issues has no Surge column such as is depicted Figure 3.

ANSWER: See question 46.

99. Does the Government intend that pumping product from the Bulk Site across to the Day Tank of the Rapid Refueling Facility constitutes a “sale” to the airfield DODAAC for fuels accountability purposes?

ANSWER: See Amendment to PWS paragraph C-3.1.4, Aviation Fuel Supply to Rapid Refuel Operation.

100. Paragraph C-3.1.1 (a) gives the impression that bulk issues may be self-service – does the Government intend to allow unattended bulk issues?

ANSWER: See question 40.

101. Paragraph C-3.1.3 lists MOGAS as a bulk fuel, and the 1,200 gallon TPU as a potential vehicle. The MUR bulk issue quantities in Figure 3 give an average of 482 gallons per bulk issue. Should we assume that Fort Carson only issues MUR to TPU's?

ANSWER: Nothing should be assumed when dealing with military operations. TPUs will be the typical tank vehicle for bulk loading MOGAS but the other listed tank vehicles in paragraph C-3.1.3 may load MOGAS as well.

102. If so, the TPU's are primarily top-loaded – is it the Government's intent to allow top-loading of MUR? If so, should the Contractor propose all of the required NFPA-approved devices necessary to accomplish this task, or is there some special waiver available to the US Army to deviate from this requirement?

ANSWER: The Contractor's facility shall meet all local, state and federal regulations/guidelines for this operation.

103. What retail fuel dispensing is required at the bulk location?

ANSWER: Retail dispensing at the Butts Road bulk facility will be limited to JP8 only. See Amendment to PWS paragraph C-3.1.1, Additional Requirements.

104. Paragraph C-3.1.1 (e) requires a weather cover over the bulk stands. If retail dispensing is required, will this also be covered?

ANSWER: A weather cover is not required for retail dispensing at the Butts Road location.

105. What is the Peak Usage for rapid refueling location? Annual issues, such as Figure 5, provide overall storage requirements but may not be enough for Surge Conditions to allow for proper settling times. That is, what combination of Peak Quantities should be used with the Bulk Surge from Figure 3 to determine actual amount of required storage of JP8.

ANSWER: See Amendment to PWS paragraph C-3.1.4 B. Aviation Fuel Supply to Rapid Refuel Operation.

106. Will it be necessary for the emergency power at the Bulk Site to also operate the Rapid Refueling site?

ANSWER: Yes.

107. Does the Government intend that the using unit(s) provide their own fuel quality and sampling materials at the rapid refueling site?

ANSWER: See Amendment to PWS paragraph C-3.1.4, Aviation Fuel Supply to Rapid Refuel Operation.

108. Are four 50,000 gallon horizontal tanks required? Can these tanks be double wall tanks with 10% emergency vent reservoir containment compartments? The issue of spill control was brought up a few times at the meeting.

ANSWER: The Contractor shall propose the type/size of storage tanks at the Butts Road location per the requirements in the PWS. Also, see question 46.

109. Is 40CFR112 of the Federal Register covering Spill Control and Countermeasure Plans being followed? Or do you have additional spill control steps to be followed?

ANSWER: The Contractor shall ensure that operations meet code and interface with Fort Carson's local plans.

110. Is a 20,000 gallon day tank sufficient?

ANSWER: The Contractor shall determine the size of the tank from the PWS requirements. See Amendment to PWS paragraph C-3.1.4 B. Aviation Fuel Supply to Rapid Refuel Operation.

111. Other than conservation vents on the tanks are there any other Stage I vapor controls required, such as vapor return to the transports during the unloading process into storage?

ANSWER: The Contractor is responsible for determining what the emissions standards are.

112. Are floating suctions required on the bulk tanks and/or the day tank?

ANSWER: The Contractor shall provide facilities that meet best commercial practice as stated in the PWS.

113. Do you want a back up pump at the bulk plant and/or the day tank?

ANSWER: The Contractor is required to provide uninterrupted service to Ft Carson and must plan accordingly.

114. Unloading into the bulk plant:

a. How many trailers at one time?

ANSWER: The Contractor shall determine this requirement based on demand data provided in the PWS. At a minimum, 2 trailers must be capable of simultaneously unloading JP-8.

b. How many connections to each trailer to off load with?

ANSWER: The Contractor shall determine this requirement based on demand data provided in the PWS.

c. Is 300 gpm rate of flow for unloading suitable?

ANSWER: The Contractor shall determine this requirement based on demand data provided in the PWS.

- d. Do you want an unloading metering position with air eliminator, strainer, and air control system to prevent measurement of air?

ANSWER: The Contractor shall determine this requirement based on demand data provided in the PWS.

- e. Do you want hose to unload with or do you want unloading arm?

ANSWER: The Contractor shall determine this requirement based on demand data provided in the PWS.

115. Do you want circulation of day tank and/or circulation of day tank back to the bulk storage tanks?

- a. If circulation back to bulk plant tanks, do you want isolation manifold so that on a selected tank is picked to return product to?

ANSWER: The hot refueling system must be capable of recirculation. The Contractor shall propose how to best perform this. Also, see question 16.

- b. Do you want Double block and bleed valves at tank nozzles and manifolds to ensure no possible cross contamination?

ANSWER: The Contractor is responsible for product quality and system integrity and shall propose how this will be accomplished.

c. If circulation back to bulk plant tanks, can the same line that supplies the day tank be used to return product, or do you want two separate lines?

ANSWER: See above.

116. At the helicopter refueling pads do you want the pantograph arm to have an overall reach of 20 feet? If not, what reach do you want?

ANSWER: Aircraft will taxi or sit down on centerline of refueling pad(s). Refueling equipment shall be capable of safely reaching the fueling ports for all aircraft.

a) Pantograph will be stainless swing joints and aluminum piping and flange connections, with ten feet of API 1529 aviation hose. Is this combination of approved?

ANSWER: Material shall meet the requirements specified in PWS Paragraph C-3.1. Also, see Amendment to Paragraph C-3.1.

117. Typical hot refueling system at each of the fueling pads would consist of the following. Please advise if this is what is being required.

- a. Fire safe fusible link valve
- b. By pass relief line with by-pass control valve and full port ball valve.
- c. Full port flanged ball valve
- d. Meter- aluminum, 275 psi working pressure, register, automatic temperature compensator, and pulser to send out signal
- e. Rate of flow control and hydraulically operated deadman control valve
- f. Pantograph arm- 20 foot reach with hose trough, ten feet of aviation API 1529 hose, D-1 nozzle with 35 psi control
- g. Ground reel with 50 foot 316SS cable, plastic coated, with aluminum 3 prong ground clamp

ANSWER: The Contractor shall provide a system that meets best commercial practices

118. Where do you want filter/separators?

- a. At day tank discharge only?
- b. At bulk plant tank storage area?
- c. Both locations
- d. Circulation back to bulk plant storage would require filter/separator there.

ANSWER: The Contractor shall design the facility to best commercial standards and ensure operation of the system meets aviation industry standards.

119. Tanks – Is epoxy coating inside and outside required?

ANSWER: The Contractor shall design the facility to best commercial standards and ensure operation of the system meets aviation industry quality standards for product storage.

120. Product transfer lines – As we understand the specs – Carbon steel upstream of filters and stainless steel downstream of filters is required – is this correct?

ANSWER: Aviation fuel system performance requirements are specified in paragraph C-3.1 of the PWS.

121. Do you want unloading pump or will the tractor and trailer bringing in product use it's own pump?

ANSWER: The Contractor shall propose the receipt method to be used.

122. What level control do you want on the tanks? What do you want to control?

- a. Control transfer pumps only.
- b. Provide electric solenoid control valves.

ANSWER: The Contractor shall provide a system that can be safely operated.

123. What are the requirements at Fort Carson with regard to oil water separators being required at either site?

ANSWER: The Contractor shall determine and propose the spill containment/collection methods to be incorporated into the facility. Fort Carson does not specifically require oil water separators.

124. Butts Site – “Bulk stands shall be provided with a weather cover” – Is the purpose of this cover to protect the equipment or the personnel using the equipment?

ANSWER: The weather cover is intended to protect the operators and prevent (rain/snow) water from entering open manhole covers on tankers.

125. Please provide the number of hoses/dispensers required for each product at the retail station?

ANSWER: The Contractor shall propose the number of hoses/dispensers based on requirements in the PWS.

126. At the site visit it was stated that the maximum weight of the vehicles using the retail site would be 60 tons – if the tactical tanks that could be brought in by trailer weigh 60 tons this max weight does not take into account the truck and trailer hauling the tank.

ANSWER: See question 45.

127. Retail Site – Again requirement – “Vehicle retail pump dispenser area shall be provided with a weather cover” – do we need to protect / cover the equipment, the personnel filling the vehicles, the vehicles themselves, or all of the above?

ANSWER: The weather cover shall provide protection to facility customers similar to best commercial practice.

128. Will any of the vehicles being fueled at the retail site require special fittings for fueling operations? Example – top load arms, tight fill connections, quick connect adapters?

ANSWER: The Contractor shall consider the numerous sizes (height/width) of tactical equipment that will use the site and propose dispensing equipment that can be easily accessed and used by the customers. Special fittings/connections/adapters are not required.

129. How many air / water stations are required at the retail site?

ANSWER: One